50R4592 Express Mail Receipt New EK916849797US

## CLAIMS

What is claimed is:

## 1. A system comprising:

- a. a television, including a video display, a first analog input jack, a first digital communication jack, a second analog input jack, and a second digital communication jack;
- b. a first video source connected to the first analog input jack via a first analog channel and to the first digital communication jack via a first digital channel; and
- c. a second video source connected to the second analog input jack via a second analog channel and to the second digital communication jack via a second digital channel.
- 2. The system of claim 1, further comprising a video selection circuit having a first analog input connected to the first analog input jack, a second analog input connected to the second analog input jack, and an input-select port.
- 3. The system of claim 2, wherein the television further comprises a digital interface connected to the inputselect port.
- 4. The system of claim 3, wherein the digital interface further comprises a digital communication port connected to the first digital communication jack.

- 5. The system of claim 4, wherein the digital interface is adapted to instruct the video selection circuit in response to commands received via the first digital communication jack.
- 6. The system of claim 3, wherein the digital interface further comprises a look-up-table.
- 7. The system of claim 6, wherein the look-up-table includes a plurality of device-identification fields and a corresponding plurality of analog-input identification fields.
- 8. The system of claim 7, wherein a first of the device identification fields includes a first unique identifier identifying the first video source and a first of the analog-input identification fields corresponding to the first device identification field includes a first plug identifier identifying the first analog input jack.
- 9. The system of claim 8, wherein a second of the device identification fields includes a second unique identifier identifying the second video source and a second of the analog-input identification fields corresponding to the second device identification field includes a second plug identifier identifying the second analog input jack.
- 10. A system comprising:

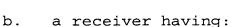
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- a. a first signal source having a first analogsignal port, a first digital-signal port, and a first unique signal-source identifier; and
  - b. a receiver having:
    - i. a first analog input channel connected to the first analog-signal port;
    - ii. a second analog input channel; and
    - iii. memory having a first device field storing the first unique signal-source identifier;
    - iv. wherein the receiver associates the first device field with the first analog input channel.
- 11. The system of claim 10, further comprising a second signal source having a second analog-signal port, a second digital-signal port, and a second unique signal-source identifier.
- 12. The system of claim 11, the memory having a second device field storing the second unique signal-source identifier, wherein the receiver associates the second device field with the second analog input channel.
- 13. The system of claim 10, wherein the first analog input channel has associated therewith a first unique analog-input-channel identifier, and wherein the second analog input channel has associated therewith a second unique analog-input-channel identifier.
- 14. The system of claim 13, wherein the receiver associates the first device field with the first unique analog-input-channel identifier.



- 15. The system of claim 15, wherein the memory further comprises a first analog-plug identification field associated with the first device field and adapted to store the first unique analog-input-channel identifier.
- 16. The system of claim 10, wherein the memory further comprises a first plug-identifier field associated with the first device field, and wherein the receiver associates the second device field with the second analog input channel.
- 17. The system of claim 10, wherein the analog and digital signals comprise video signals.
- 18. The system of claim 10, wherein the memory is a lookup table.
- 19. A method of uniquely identifying an analog channel associated with a signal source having a digital port connected to a receiver and having an analog port connected to one of a plurality of analog input jacks on the receiver, the method comprising:
  - a. receiving a digital signature uniquely identifying the signal source;
  - b. storing the digital signature;
  - c. selecting a first one of the analog input jacks;
  - d. determining whether any analog signal from the first analog input jack is from the signal source; and

- e. if the analog signal from the first analog input jack is from the signal source, associating the first analog input jack with the digital signature; and
- f. if the analog signal from the first analog input jack is not from the signal source, selecting a second one of the analog input jacks.
- 20. The method of claim 19, wherein determining whether any analog signal from the first analog input jack is from the first analog input jack comprises:
  - g. interpreting the any signal from the first analog input jack; and
  - h. presenting the interpreted signal to a user.
- 21. The method of claim 19, wherein associating the first analog input jack with the digital signature comprises storing the digital signature in a lookup table.
- 22. The method of claim 19, further comprising, after selecting the second one of the analog input jacks,
  - g. determining whether any analog signal from the second analog input jack is from the signal source; and
  - h. if the analog signal is from the signal source, associating the second analog input jack with the digital signature.
- 23. A system comprising:
  - a. a first signal source having a first analog channel, a first digital channel, and a first unique identifier; and



- i. a first analog input jack having a first plug identifier, the first analog input jack connected to the first analog channel;
- ii. a second analog input jack having a second
  plug identifier;
- iii. a first digital communication jack connected
   to the first digital channel; and
- iv. a memory storing the first unique identifier and associating the first unique identifier with the first plug identifier.
- 24. The system of claim 23, further comprising a second signal source having a second analog channel connected to the second analog input jack and a second unique identifier, the memory further storing the second unique identifier and associating the second unique identifier with the second plug identifier.

## 25. A system comprising:

- a. a first signal source having a first analog channel, a first digital channel, and a first unique identifier; and
- b. a receiver having:
  - i. a first analog input jack connected to the first analog channel;
  - ii. a second analog input jack;
  - iii. a first digital communication jack connected
     to the first digital channel; and
  - iv. means for logically associating the first unique identifier with the first plug identifier.



26. The system of claim 25, wherein the receiver is a television.